

**PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**BSc DEGREE EXAMINATION MAY 2017  
(Third Semester)**

Branch ^**VISUAL COMMUNICATION**

**AUDIOGRAPH**

Time : Three Hours

Maximum : 75 Marks

**SECTION-A (20 Marks)**

. Answer **ALL** questions

**ALL** questions carry **EQUAL** marks (10x2 = 20)

- 1 A single path that an audio signal travel through a device from an input to an output is \_\_\_\_\_.
- 2 A technician in charge of a recording session is \_\_\_\_\_.
- 3 The amount of Increase in audio signal strength, often expressed in dB is \_\_\_\_\_.
- 4 A musical singing group that has many singers is \_\_\_\_\_.
- 5 Explain Measure.
- 6 What is Phase Distortion?
- 7 What is Decibel?
- 8 What is meant by Bandwidth?
- 9 Explain Cardioid Pattern.
- 10 What is Live Recording?

**SECTION - B (25 Marks)**

•Answer **ALL** Questions

**ALL** Questions Carry **EQUAL** Marks (5 x'5 = 25)

- 11 a What is meant by room acoustics?  
OR  
b State briefly about the dynamic range.
- 12 a Write short notes on analog recording system.  
OR  
b Briefly explain about the use of recording equipment's.
- 13' a What is the use of MIDI interface?  
OR  
b Write short notes on dubbing and mixing techniques.
- 14 a What is meant by mixing console? Explain. .  
OR  
b Write short notes.on Echo and Reverberation.
- 15 a What is meant by audio editing?  
OR  
b Discuss about the effect of recording through MIDI.

**SECTION - C (30 Marks)**

Answer any **THREE** Questions

**ALL** Questions Carry **EQUAL** Marks (3 x 10 = 30)

- 16 Write a detailed note on dB A and dBC concepts.
- 17 Explain the different types of microphones and their uses.
- 18 What impact to you think the dubbing industry has on the film industry?
- 19 Describe the various techniques of indoor recording techniques.
- 20 Discuss the advantages of digital audio recording.